

CHAPTER 4 - OBJECTIVES

LEARNING OBJECTIVES

After completing the reading and assigned activities related to this chapter, students will be able to do the following:

Ch.4-1. Students can successfully pass the graphic arts safety test with 100% by identifying OSHA hazards and precautions when dealing with those hazards.

Ch.4-2. Students can describe and evaluate a Safety Data Sheet.

CHAPTER 4 - LEARNING ACTIVITIES

PREREQUISITES:

None

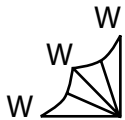
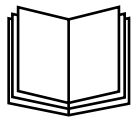
LEARNING ACTIVITIES SHEET

Student Name _____



Place a checkmark in the appropriate box as you complete each of the steps below.

- 1. Read** Objective Sheet and Chapter 4, "Safety and Health".
- 2. Do** Assignment Sheet 1, OSHA Hazards
- 3. Stop** Have instructor evaluate the completed assignment sheet and if the evaluation is satisfactory, continue to step 4. If the evaluation is not satisfactory, repeat step 2.
- 4. Do** Assignment Sheet 2, Safety Data Sheet
- 5. Stop** Have instructor evaluate the completed assignment sheet and if the evaluation is satisfactory, continue to step 6. If the evaluation is not satisfactory, repeat step 4.
- 6. Take** Chapter 4 - Review
- 7. Stop** Have instructor evaluate your performance. If the evaluation is satisfactory, continue to step 8. If the evaluation is not satisfactory, fill out the study guide.
- 8. Take** Chapter 4 Quiz.

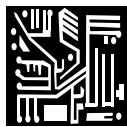


CHAPTER 4 - ASSIGNMENT 1

OSHA Hazards

Student Name _____ Date _____

BASIC SKILLS



TECHNOLOGY



WRITING

DIRECTIONS

Using the book and the internet, complete all 5 steps.

Step 1:

Briefly explain each OSHA hazard and what you should do to keep yourself safe.

1. Mechanical Hazards _____

Your Safety _____

2. Chemical Hazards _____

Your Safety _____

3. Fire Hazards _____

CHAPTER 4 - ASSIGNMENT 1

Your Safety _____

5. Noise Hazards _____

Your Safety _____

6. Light Hazards _____

Your Safety _____

7. Ergonomic Hazards _____

Your Safety _____

CHAPTER 4 - ASSIGNMENT 1

Step 2:

In this unit you will be introduced to proper shop safety practices. An important part of shop safety is a safe work environment. In this assignment you will explore your shop and evaluate the shop's safety.

The instructor will divide you into teams and give you a safety tour of the lab/classroom. While on the tour you will evaluate the safety OSHA safety checklist, next 3 pages.

SAFETY INSPECTION CHECKLIST

	Satisfactory	Unsatisfactory	Not Applicable	Dangerous	Remarks
1. Housekeeping					
A. Clean and orderly work area					
B. Proper materials available for housekeeping					
C. Floor holes (drains) covered					
D. Materials available for cleaning					
E. Maintenance schedule used					
F. Properly marked aisles					
G. Proper storage facilities					
H. Proper disposal systems					
I. Warnings and cautions posted					
J. Containers labeled					
K. Open aisles and fire lanes					
L. Proper handling devices					
M. Vacuuming used where possible					
2. Personal Protective Equipment	Satisfactory	Unsatisfactory	Not Applicable	Dangerous	Remarks
A. Eye protection					
B. Foot protection					
C. Head protection					
D. Protective clothing					
E. Ear protection					
F. Respiratory equipment					
3. Administration	Satisfactory	Unsatisfactory	Not Applicable	Dangerous	Remarks
A. Safety Program					
1. Education-safety personnel					
2. Incentives					
B. Procedures					
1. Recordkeeping					
2. Accident and injury handling					
3. Emergency evacuation plan					
4. Posting					
C. Job Hazard Analysis					

SAFETY INSPECTION CHECKLIST

Equipment/Machinery	Satisfactory	Unsatisfactory	Not Applicable	Dangerous	Remarks
4. Equipment/Machinery					
A. Fixed guarding					
B. Movable guarding					
C. Equipment placement					
D. Maintenance					
E. Mechanical controls					
F. Proper enclosure					
5. Electrical	Satisfactory	Unsatisfactory	Not Applicable	Dangerous	Remarks
A. Grounding					
B. Wiring					
C. Circuits identified					
D. Switch location					
E. Extension cords					
F. Portable electrical equipment					
6. Chemicals	Satisfactory	Unsatisfactory	Not Applicable	Dangerous	Remarks
A. Storage					
B. Ventilation					
C. Proper identification					
D. Handling devices					
E. Clean-up method					
F. Disposal					
7. Fire Protection	Satisfactory	Unsatisfactory	Not Applicable	Dangerous	Remarks
A. Flammable Materials					
1. Safe storage (cabinet)					
2. Proper labeling					
3. Proper containers					
4. Disposal of rags					
B. Fire Equipment					
1. Fire extinguishers (right type, visible)					
2. Automatic sprinkler					
3. Blankets					
4. Smoke detectors					
5. Flame and fume arrestors					
6. Proper waste disposal					

SAFETY INSPECTION CHECKLIST

	Satisfactory	Unsatisfactory	Not Applicable	Dangerous	Remarks
7. Fire Protection					
C. Fire Drills					
1. Proper exits signs					
2. Availability of exits					
3. Dissemination of exit information					
4. Education of employees					
D. Periodic checking					
8. First Aid	Satisfactory	Unsatisfactory	Not Applicable	Dangerous	Remarks
A. First aid facility provided					
B. Qualified first aid personnel					
1. Nurse provided					
2. First aid training available					

CHAPTER 4 - ASSIGNMENT 1

Student Name _____

Step 3:

The number-one worker injury in America today is back strain or injury. Most of these injuries come from trying to lift an object that is too heavy or from lifting an object improperly. It is very important, therefore, that you learn to assess the weight of a load to be lifted, and either get help to lift the load or lift the load properly, using your leg muscles, not your back.

Watch the demonstration or video on how to lift a box properly. Then, bring this sheet to the instructor to demonstrate how to lift a box properly.

- 1. Size up the load.
- 2. Place your feet close to the object and 8 to 12 inches apart for good balance.
- 3. Bend your knees to a degree that is comfortable.
- 4. Grip the box firmly with both hands.
- 5. Keeping your back straight and using your leg muscles, lift the box to waist height and hold close to your body.
CAUTION: Do not make any turning or twisting motions until the lift is complete.
- 6. Turn by changing foot position, making sure that your path is clear.
- 7. Carry the box to the new location, using a normal walking gait and keeping your view unobstructed.
- 8. Reverse the lifting procedure to set the box down, taking care to bend your knees, keep your back straight, and avoid setting the box on your fingers or feet.

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Step 4:

Go to the website and go through the Fire Extinguisher Safety Training.

<http://www.fireextinguishertraining.com/>

After watching the animation, answer the questions:

1. What are the four elements that must be present for a fire to exist:

2. What are the different classes of fire:

Class A: _____

Class B: _____

Class C: _____

Class D: _____

Class K: _____

3. What are the different classes of fire that each of the following extinguishers can put out:

Water and Foam: _____

Carbon Dioxide: _____

Dry Chemical: _____

Wet Chemical: _____

Clean Agent (Halon): _____

Dry Powder: _____

Water Mist: _____

Cartridge Operated Dry Chemical: _____

CHAPTER 4 - ASSIGNMENT 1

4. What does the three A's stand for:

A _____

A _____

A _____

5. What type of fire could you put out with one of our extinguishers in the lab?

6. What does PASS stand for?

P _____

A _____

S _____

S _____

7. After the fire is out, what should you do? _____

8. Fire extinguishers should be inspected or checked every? _____

9. According to local, state and national codes and regulations, fire extinguishers must be maintained? _____

Take a short quiz and print your certificate of completion out, fill it out and turn it in with this assignment.

CHAPTER 4 - ASSIGNMENT 1

Step 5:

Read the pressroom safety manual and correctly identify the safety procedures for the pressroom.

1. Injuries don't just happen, they are the final link in a chain of events. What are the links of the chain?

2. There are 10 unsafe acts to be aware of on the press, fill in the blanks to the following statements:

- a. _____ clean, lubricate, or adjust equipment while it is moving.
- b. When maintaining or repairing equipment always place the machine in _____ condition and _____ the power, and _____ all electrical power.
- c. _____ bypass safety devices.
- d. Before beginning to work, _____ to be sure you have their attention before proceeding.
- e. _____ should be secured to avoid entanglement in equipment.
- f. Remove _____ or dangling work accessories when operating equipment.
- g. Never attempt to _____ or _____ any equipment unless you have received the proper training.
- h. Periodically examine tools and equipment for _____ or _____ and take necessary action.
- i. Position yourself _____ while working.
- j. _____ cannot be tolerated in an industrial environment, the classroom, or the lab.

CHAPTER 4 - ASSIGNMENT 1

3. Match the following unsafe condition to its definition:

_____ Boxes piled in front of fire exit.

_____ Cleaning screens with press wash in a confined area.

_____ Folder switch is old and won't shut off sometimes.

_____ Operating folder without ear plugs.

_____ Running press with guard up and tape over the switch so press will start up.

_____ 2 lights above your press are burned out.

_____ Using Flammable solvent next to an open flame or hot surface.

a. Cluttered storage & work areas

b. Dangerous Materials

c. High Noise Levels

d. Improper or insufficient lighting

e. Improper ventilation

f. Missing or unused safety guards

g. Worn or broken equipment

4. Indicate whether the following statements are true or false.

true or false Never bypass safety procedures.

true or false Rags soaked in flammable liquids should be discarded in a red hazardous trash can, not in the trash.

true or false It is okay to reach into the press or other machines while it is running once you have been trained on it.

true or false Before starting up a piece of equipment you should call out "clear" or something similar to warn anyone around you that you are turning on the machine.

true or false Do not release a safe button someone else has set.

true or false It is okay to operate equipment you have not been properly trained on if you have seen it run before.

true or false It is not necessary to inform other workers when you perform work inside an offset press.

true or false It is okay to clean or lubricate a piece of running equipment as long as you have gloves on.

CHAPTER 4 - ASSIGNMENT 1

5. When handling chemicals, what should you consult before handling or cleaning up after a chemical spill (the standard operating procedure of the lab)?

6. Explain the do's and Don'ts for proper use of chemicals:



Name: _____

OSHA Hazards Rubric

You will be graded on the following standards:

Objectives	Exemplary 8-10	Needs Minor Revisions 5-7	Needs Substantial Revisions 4-0	Self Score	Teacher Score
Assignment Step 1: OSHA Hazards defined and personal safety explained for each hazard	Correctly completed All of step 1.	Somewhat completed step 1.	Did not complete step 1.		
Assignment: Step 2: Safety Inspection Checklist completed	Correctly completed All of step 2.	Somewhat completed step 2.	Did not complete step 2.		
Assignment: Step 3: Properly demonstrated how to lift a box	Correctly completed All of step 3.	Somewhat completed step 3.	Did not complete step 3.		
Assignment: Step 4: Did online Fire Extinguisher training, passed online quiz, printed certificate.	Correctly completed All of step 4.	Somewhat completed step 4.	Did not complete step 4.		
Assignment: Step 5: Pressroom safety manual read and all questions answered correctly.	Correctly completed All of step 5.	Somewhat completed step 5.	Did not complete step 5.		
Consistently	40 - 50		Total Points		
Sometimes	25 -39				
Not Yet/Rarely	24 or less				

Name: _____

Process Grades

These grades reflect your work habits.

Objectives	Consistently 3	Sometimes 2	Not Yet/Rarely 1	Self Score	Teacher Score
Work Habits					
Managing Time Wisely	Student uses time given to meet classroom objectives/ expectations	When prompted the student uses time given to meet classroom objectives/ expectations	Takes much effort on the part of the teacher to motivate student to use time given to meet classroom objectives/ expectations		
Giving Effort	When given a task or assignment, the student puts forth effort to follow directions, work neatly, and works to the best of their ability	When prompted the student puts forth effort to follow directions, work neatly, and works to the best of their ability	Takes much effort on the part of the teacher to motivate student to put forth effort to follow directions, to work neatly, Teacher may have to ask student. Work not completed and needs to revise.		
Perseverance	The student utilizes their strengths as part of his/her effort to overcome obstacles and improve upon areas of needed growth by using strategies that may include, but not limited to: making corrections, retakes or seeking out external supports.	With prompting, student utilizes their strengths as part of his/her effort to overcome obstacles and improve upon areas of needed growth by using strategies that may include, but not limited to: making corrections, retakes or seeking out external supports.	Takes much effort on the part of the teacher for the student to utilize their strengths as part of his/her effort to overcome obstacles and improve upon areas of needed growth by using strategies that may include, but not limited to: making corrections, retakes or seeking out external supports.		
Respect					
Respecting Others	Student respects the right of others to learn, teach, and grow.	Student has displayed actions that show signs of disrespect to others	Student has been disrespectful often or does not appear remorseful when authority figure has talked to student about their disrespect.		
Managing Behaviors and Emotions	Student identifies and manages behaviors and emotions	Student sometimes has trouble identifying and managing behaviors and emotions	Student often has trouble identifying and managing behaviors and emotions		
Responsibility					
Following Directions	When given class expectations (written and /or oral) the student follows directions	When given class expectations (written and /or oral) the student follows directions most of the time without re-teaching or redirecting.	Student does not follow directions or needs re-teaching often.		
Completing Tasks on Time	When provided a task or assignment, the student completes work on time.	When provided a task or assignment, the student does NOT complete work on time.	Student turns in many assignments late or not at all.		
Supplies	Student brings necessary materials to class and utilizes them all supplies appropriately while keeping their work area neat and organized.	Student does not always bring necessary materials to class and/or does not always utilize all supplies appropriately while keeping their work area neat and organized or is messy but cleans up area.	Student does not brings necessary materials to class or does not utilizes all supplies appropriately while keeping their work area neat and organized. Examples : Student needs duplicates of materials frequently, borrows things without returning them		
Attendance	Student regularly attends class for duration of class.	Student regularly attends class but may ask to leave class several times for the following reasons but limited to: restroom, counselor, office visit, etc...	Student is absent often and makes little attempt to make up work or come in extra to catch up.		
			Total Points		

Consistently	19 - 27
Sometimes	10 -18
Not Yet/Rarely	9 or less

CHAPTER 4 - ASSIGNMENT 2

Assignment Sheet 2 - Safety Data Sheet

Student Name _____ Date _____

BASIC SKILLS



READING



WRITING



CRITICAL THINKING

DIRECTIONS

Use the SDS at the end of this assignment sheet to answer the following questions. Write your answers on the blanks provided.

1. What is the name of the substance? _____

2. What potentially hazardous ingredients does it contain? _____

3. What possible injury could occur from external contact? _____

4. Is the substance heavier or lighter than water? _____
5. What is its boiling range? _____
6. What is its OSHA flammability classification? _____
7. How should first aid for eye contact be administered? _____

8. Is this a stable product? _____

CHAPTER 4 - ASSIGNMENT 2

9. What kind of protective equipment should be used when handling this substance?

10. What instructions are given for handling and storage of this substance? _____

11. When and why would you need to use the MSDS sheet? _____

After you have completed your assignment, check your work.

Then using both rubrics, grade yourself on your assignment. You want to make sure you earn your passport stamp, so you need to get it done right the first time.

Fix any errors you found when you graded yourself with the rubric.

Then turn in All of Assignment 2 with your perfectly filled out application with your graded rubric into the period box. You can staple it together or put it into a sheet protector.

MATERIAL SAFETY DATA SHEET

Product Code: B010008

DUPLICATOR WASH

SECTION 1: MANUFACTURER IDENTIFICATION

Manufacturer's Name: Day International Chemical Products Div.
Address: 130 West Second Street, Suite 1700
Dayton, Ohio 45402

Emergency Phone: 800-424-9300 CHEMTREC®
Name of Preparer: Day Chemical Prod. Div

Information Phone: 800-336-8276
Date Printed: 6/19/2007
Date Revised: 12/06/2006

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	X

SECTION 2: HAZARDOUS INGREDIENTS / SARA III INFORMATION

Component	CAS Number	Vapor Pressure mm Hg @ Temp	Weight Percent
Petroleum Naphtha OSHA PEL: N/E, ACGIH® TLV®, TWA: 300ppm	8032-32-4	10 68°F	40%
Petroleum Naphtha OSHA PEL: 500ppm TWA, ACGIH® TLV®: N/E, Mfg.: 100ppm	64742-47-8	2.8 68°F	36.4%
*Dichloromethane OSHA PEL: 25ppm, ACGIH® TLV®: 50ppm, STEL: 125ppm Hazardous Air Pollutant	75-09-2	355 68°F	23.3%

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372.
All ingredients are listed on the EPA TSCA Inventory

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING RANGE / POINT:	104°F - 338°F
VAPOR DENSITY:	Heavier than air.
EVAPORATION RATE:	Faster than n-Butyl Acetate.
V.O.C. (EPA METHOD 24) lb/gal:	5.4
VAPOR PRESSURE (MM HG @20 C):	5.3
SOLUBILITY IN WATER:	Less Than 5%
APPEARANCE AND ODOR:	Blue Liquid - Petroleum Odor
SPECIFIC GRAVITY (H2O=1):	0.88

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	102°F
METHOD USED:	TAG CC
FLAMMABLE LIMITS IN AIR BY VOLUME:	
LOWER:	0.9%
UPPER:	23.0%

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved) and full protective gear. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Burning will produce hydrogen chloride and traces of phosgene.

SECTION 5: REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid heat, sparks, flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon and dense smoke.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6: HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Breathing vapors above established exposure limits may cause nose and throat irritation; signs of central nervous system depression such as headache, drowsiness, dizziness and carbon monoxide-like effects (Carboxyhemoglobinemia)

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact may cause irritation and burning. Eye contact will cause stinging, tearing, redness and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Can be absorbed through the skin and may contribute to the overall exposure to the chemical Dichloromethane.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Breathing vapors above established exposure limits may cause nausea, vomiting, lightheadedness, numbness, changes in blood enzyme levels, breathing problems leading to bronchitis & pulmonary edema, unconsciousness and even death. Chronic exposure to dichloromethane has been demonstrated to produce liver toxicity in animals. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; aspiration into the lungs can cause chemical pneumonitis.

CARCINOGENICITY NTP CARCINOGEN: Yes

IARC CARCINOGEN: Yes

OSHA CARCINOGEN: Yes

Product contains dichloromethane, a chemical which has caused cancer in certain laboratory animal tests.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Give oxygen if breathing is labored. Apply artificial respiration if not breathing. Seek medical help. **SKIN:** Remove all contaminated clothing and shoes. Wash with soap and water. Do not reuse clothing and shoes until cleaned. **EYES:** Flush eyes with plenty of water while removing any contact lenses. Hold eyelids open and continue flushing for at least 15 minutes. **INGESTION:** DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention immediately.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASES OR SPILLED:

Eliminate all ignition sources. Spills should be diked and must be kept from entering the sewer. Soak up with absorbent or transfer liquid into a closed container for later disposal. Use spark-proof tools and explosion proof equipment.

WASTE DISPOSAL METHOD:

If this product becomes a waste, it is regulated by RCRA as Spent Halogenated Solvent Mixture, EPA I.D. #F002. Suitable methods of disposal include reclamation or fuel blending. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Containers should be grounded and bonded before transferring product. Store in the original closed container away from sunlight, excess heat, sparks, flames and other sources of ignition. Avoid skin or eye contact. Avoid breathing vapors. When transferring or using this product, wear proper personal protective equipment. Store and handle as a Combustible Liquid.

California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water And Toxic Enforcement Act Of 1986: WARNING: This product contains a chemical known to the State of California to cause cancer. (See Section 6 of this MSDS for details on carcinogenicity)

OTHER PRECAUTIONS / DOT INFORMATION:

DOT Proper Shipping Name: Combustible Liquid n.o.s. (Naphtha), ID No.: NA199 3, Packing Group: III, RQ

Dichloromethane: 1000 Lbs. Non-bulk packagings not Regulated as per 49CFR 173.150 (f)(2). IMDG Code:

Flammable Liquid n.o.s. (petroleum naphtha, dichloromethane) Class 3, UN1993, PG III Flash Point above 48°C

SECTION 8: CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is required when concentrations exceed the established OSHA PEL limits in SECTION 2. Wear a supplied air respirator (SABA or SCBA) (NIOSH approved). Respirators equipped with organic vapor cartridges are authorized for emergency escape only.

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established OSHA PEL limits in SECTION 2, additional general ventilation or local exhaust system or the use of SABA or SCBA is required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of polyvinyl alcohol (PVA) or others rated for protection from dichloromethane.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9: DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of the manufacturer, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

Name: _____

SDS Sheet Rubric

You will be graded on the following standards:

Objectives	Exemplary 20-25	Needs Minor Revisions 15-19	Needs Substantial Revisions 0-14	Self Score	Teacher Score
Assignment Step 1: Read the SDS sheet and answered all ques- tions correctly.	Correctly completed All of step 1.	Somewhat completed step 1.	Did not complete step 1.		
Consistently	20 - 25		Total Points		
Sometimes	15-19				
Not Yet/Rarely	14 or less				

Name: _____

Process Grades

These grades reflect your work habits.

Objectives	Consistently 3	Sometimes 2	Not Yet/Rarely 1	Self Score	Teacher Score
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			Total Points		

Consistently	19 - 27
Sometimes	10 -18
Not Yet/Rarely	9 or less

CHAPTER 4 - PRETEST

1. Log onto a computer and go to the following website:
 - <http://reviewgamezone.com/index.php>
2. On the right side it has a box that has 'Games by ID#' type in 38165.
3. To get started, select a game from the list below and test your knowledge on 'Safety and Health'.
4. If you did not do well, print out the study guide from the website and review again.
5. Go to: <http://tinyurl.com/y7ptfq4l>
or scan QR code:

